



D120 DRIVER CONSOLE



Overview

The DC120 device is an all-in-one ticketing solution, offering NFC, QR and receipt printing functionality within a compact footprint.

Enhanced Driver Interaction

Navigate effortlessly with the integrated 10.1" multi point capacitive touchscreen display, powered by an Android operating system, allowing for easy third application integration. The screen's swivel and tilt adjustability cater to individual driver preferences, ensuring optimal comfort and usability.

Passenger Information Made Clear

With a dedicated 3.5" passenger display, the DC120 provides clear information to the passenger about transaction information.

Seamless Payment Integration

Equipped with an integrated PCI PTS rated NFC reader, with 4 SAM slots available, the DC120 supports Visa, Mastercard, Amex & Discover card schemes, with the option to easily add schemes.

Efficient AVL Functionality

AVL functionality is possible by utilising the integrated 4G-LTE modem, alternatively if on board networking is already available, the device can be connected via the available ethernet connection,

Location information is possible via the integrated GNSS processing chip, supporting GPS, GLONASS, QZSS, SBAS, Galileo systems.

Versatile Connectivity Options

To maximise the available functionality, and minimise the requirement for external devices, the DC also has serial capabilities available with an RS232 & RS485 port available to communicate with external hardware such as external destination displays allowing for a single sign in by the driver. There are also 4 dedicated digital inputs and outputs which can be used to connect to peripherals such as driver call request / emergency call request buttons for VOIP functionality.



Key features

- Robust: Built to deliver reliable performance in demanding operational environments
- Driver console can be used for ITMS and ticketing
- Android touch display along with card reader, printer and QR code scanner
- Has two screens: one for driver and one for passenger
- 4 SAM modules
- Isolated digital input and output (4 each)
- Swivel around the base for LHD/RHD

About Vix

Vix Technology is the global leader in intelligent transportation systems, automated fare collection, and transit analytics.

With customers in 200 cities around the world, Vix embraces the complexities of modern public transit to create best-in-class solutions for transit agencies and operators.

Vix is passionate about connecting people and communities, combining an open, collaborative mindset with cutting-edge technology to make public transport more accessible and more cost effective for all.

Electrical	OS: Android 12 CPU: Quad-core ARM Quad-core Cortex-A55, 2.0 GHz RAM: 2GB LPDDR4 Flash: 16GB eMMC Expansion: MicroSD card slot Power supply: 9 to 38V DC
Display	10.1-inch 1280×800, Full Color IPS Display, High brightness 800 cd/m2 Capacitive multi point touch panel, Anti-glare 3.5 inch Customer Display
Card Reader	ISO/IEC 14443 Types A & B, cEMV L1 cEMV L2 certified (Visa, Mastercard, Amex, Discover)
SAM	4 High speed ISO7816 SAM modules ID-000 size
Scanner	Advance high performance 2D image engine QR Code, Data Matrix, PDF417, Aztec
Audio	High quality digital audio Integrated 3W Speaker
Ports & Inputs Outputs	RS232 x1 RS485 x1 CAN x1 1x USB 2.0 Host; 1 x USB Device 1 x 10/100 Mbps Ethernet 4 x Isolated Digital Input; 4 x Isolated Digital Output
Connectivity	Cellular: 4G-LTE WiFi: Dual-band Wi-Fi, 2.4 GHz/5 GHz Bluetooth: BLE, Bluetooth 5.2 GNSS: multi-GNSS, GPS, GLONASS, QZSS, SBAS, Galileo
Dimensions	320 x 275 x 230mm
Compliance	Vix supplies products to meet many local and globally recognised standards such as CE, CA, RoHS, FCC, various Smart Card standards and many others. For more details on how Vix meets your local requirements please contact Vix directly

Stringent reliability testing is performed on all equipment. To ensure the highest quality, specifications may change without notice.

